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L5 not (degussa or degusa).as.	19

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 result set

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

<u>L7</u>	L5 not (degussa or degusa).as.	19	<u>L7</u>
<u>L6</u>	L5 not degussa.as.	22	<u>L6</u>
<u>L5</u>	L4 same (corynefor\$ or corynebact\$5)	39	<u>L5</u>
<u>L4</u>	L3 same (produc\$5 or expor\$5 or secret\$4 or excret\$5)	588	<u>L4</u>
<u>L3</u>	thre or (threonin\$4 same carrie\$4)	3065	<u>L3</u>

DB=PGPB,USPT; PLUR=YES; OP=OR

<u>L2</u>	L1 and degussa.as.	7	<u>L2</u>
<u>L1</u>	(thre or (threonin\$4 same carrie\$4)).clm.	155	<u>L1</u>

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Search Results - Record(s) 1 through 10 of 19 returned.

1. Document ID: US 20030228678 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 19

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030228678

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030228678 A1

TITLE: Alleles of the aceA gene from coryneform bacteria

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bathe, Brigitte	Salzkotten		DE	
Kreutzer, Caroline	Melle		DE	
Hans, Stephan	Osnabruck		DE	

US-CL-CURRENT: [435/232](#); [435/136](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KUMC](#) [Drawn](#) [Def](#)

2. Document ID: US 20030224499 A9

L7: Entry 2 of 19

File: PGPB

Dec 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030224499

PGPUB-FILING-TYPE: corrected

DOCUMENT-IDENTIFIER: US 20030224499 A9

TITLE: Nucleotide sequences encoding the ptsH gene

PUBLICATION-DATE: December 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Farwick, Mike	Bielefeld		DE	
Mockel, Bettina	Bielefeld		DE	
Pfefferle, Walter	Halle		DE	

US-CL-CURRENT: [435/193](#); [435/115](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Drawn D

3. Document ID: US 20030119154 A1

L7: Entry 3 of 19

File: PGPB

Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030119154

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030119154 A1

TITLE: Process for the preparation of L-amino acids using a gene encoding 6-phosphogluconate dehydrogenase

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dunican, L. K.	Galway		IE	
McCormack, Ashling	Athlone		IE	
Stapelton, Cliona	Roscrea		IE	
Burke, Kevin	Galway		IE	
Mockel, Bettina	Bielefeld		DE	

US-CL-CURRENT: [435/115](#); [435/189](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KOMC | Drawn D

4. Document ID: US 20030049804 A1

L7: Entry 4 of 19

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030049804

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030049804 A1

TITLE: Corynebacterium glutamicum genes encoding metabolic pathway proteins

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pompejus, Markus	Freinsheim		DE	
Kroger, Burkhard	Limburgerhof		DE	
Schroder, Hartwig	Nussloch		DE	
Zelder, Oskar	Speyer		DE	
Haberhauer, Gregor	Limburgerhof		DE	
Kim, Jun-Won	Seoul		KR	
Lee, Heung-Shick	Seoul		KR	

Hwang, Byung-Joon

Seoul

KR

US-CL-CURRENT: [435/115](#); [435/183](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D
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5. Document ID: US 20030017556 A1

L7: Entry 5 of 19

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017556

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030017556 A1

TITLE: Process for the preparation of L-amino acids using strains of the enterobacteiaeae family

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hermann, Thomas	Bielefeld		DE	

US-CL-CURRENT: [435/106](#); [435/252.3](#), [435/252.33](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D
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6. Document ID: US 20030017554 A1

L7: Entry 6 of 19

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030017554

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030017554 A1

TITLE: Process for the fermentative preparation of L-amino acids using strains of the enterobacteriaceae family

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rieping, Mechthild	Bielefeld		DE	
Thierbach, Georg	Bielefeld		DE	

US-CL-CURRENT: [435/106](#); [435/115](#), [435/116](#), [435/252.3](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn D
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□ 7. Document ID: US 20030003548 A1

L7: Entry 7 of 19

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030003548

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030003548 A1

TITLE: Nucleotide sequences which code for the pck gene

PUBLICATION-DATE: January 2, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Eikmanns, Bernhard	Heidenheim		DE	
Riedel, Christian	New Ulm		DE	
Sahm, Hermann	Julich		DE	
Mockel, Bettina	Bielefeld		DE	

US-CL-CURRENT: 435/106; 435/115, 435/194, 435/252.3, 435/320.1, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn	De
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□ 8. Document ID: US 20020197605 A1

L7: Entry 8 of 19

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020197605

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020197605 A1

TITLE: Novel Polynucleotides

PUBLICATION-DATE: December 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nakagawa, Satoshi	Tokyo		JP	
Mizoguchi, Hiroshi	Tokyo		JP	
Ando, Seiko	Tokyo		JP	
Hayashi, Mikiro	Tokyo		JP	
Ochiai, Keiko	Tokyo		JP	
Yokoi, Haruhiko	Tokyo		JP	
Tateishi, Naoko	Tokyo		JP	
Senoh, Akihiro	Tokyo		JP	
Ikeda, Masato	Tokyo		JP	
Ozaki, Akio	Hofu-shi		JP	

US-CL-CURRENT: 435/6; 435/287.2, 435/91.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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9. Document ID: US 20020120116 A1

L7: Entry 9 of 19

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120116

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120116 A1

TITLE: ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
KUNSCH, CHARLES A.	ATLANTA	GA	US	
DILLON, PATRICK J.	CARLSBAD	CA	US	
BARASH, STEVEN	ROCKVILLE	MD	US	

US-CL-CURRENT: 536/23.2; 435/252.3, 435/320.1, 435/69.1, 435/70.1, 435/71.1,
530/350, 530/387.9, 800/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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10. Document ID: US 20020098555 A1

L7: Entry 10 of 19

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098555

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098555 A1

TITLE: Microorganisms and method for L-arginine production by fermentation

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sakanyan, Vehary	Orvault		FR	
Marc, Frederic	Saint-Nazaire		FR	
Hovsepyan, Anitchka	Yerevan		AM	
Lecocq, Michele	Nantes		FR	

US-CL-CURRENT: 435/114; 435/193, 435/252.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
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11. Document ID: US 20020090700 A1

Using default format because multiple data bases are involved.

L7: Entry 11 of 19

File: PGPB

Jul 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020090700

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020090700 A1

TITLE: Nucleotide sequences encoding the ptsH gene

PUBLICATION-DATE: July 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Farwick, Mike	Bielefeld		DE	
Mockel, Bettina	Bielefeld		DE	
Pfefferle, Walter	Halle		DE	

US-CL-CURRENT: [435/193](#); [435/115](#), [435/252.3](#), [435/320.1](#), [435/69.1](#), [536/23.2](#)

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Drawn D](#)

12. Document ID: US 20020065403 A1

L7: Entry 12 of 19

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020065403

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020065403 A1

TITLE: NEW NUCLEOTIDE SEQUENCES WHICH CODE FOR PCK GENE

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
EIKMANNS, BERNHARD	ULM		DE	
RIEDEL, CHRISTIAN	NEU-ULM		DE	
SAHM, HERMANN	JULICH		DE	
MOCKEL, BETTINA	BIELEFELD		DE	

US-CL-CURRENT: 536/23.1, 435/199, 435/252.3, 435/254.11, 435/320.1, 435/325, 435/6, 435/91.1, 536/23.2

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

13. Document ID: US 6423545 B1

L7: Entry 13 of 19

File: USPT

Jul 23, 2002

US-PAT-NO: 6423545

DOCUMENT-IDENTIFIER: US 6423545 B1

TITLE: Unmarked deletion mutants of mycobacteria and methods of using same

DATE-ISSUED: July 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pavelka, Jr.; Martin S.	Rochester	NY		
Jacobs, Jr.; William R.	City Island	NY		

US-CL-CURRENT: 435/477, 435/253.1, 435/471, 435/481

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14. Document ID: US 5567606 A

L7: Entry 14 of 19

File: USPT

Oct 22, 1996

US-PAT-NO: 5567606

DOCUMENT-IDENTIFIER: US 5567606 A

TITLE: Antifoaming agent for fermentation, L-amino acid-producing medium and production process of L-amino acids

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hayashi; Masaharu	Wakayama			JP
Hioki; Yuichi	Wakayama			JP
Shonaka; Masafumi	Wakayama			JP
Moriyama; Tadashi	Wakayama			JP

US-CL-CURRENT: 435/106, 252/182.27, 435/812, 516/133, 516/904, 516/DIG.1, 554/168, 554/227

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWMC](#) [Drawn D](#)

15. Document ID: US 4980285 A

L7: Entry 15 of 19

File: USPT

Dec 25, 1990

US-PAT-NO: 4980285

DOCUMENT-IDENTIFIER: US 4980285 A

TITLE: Method for producing L-amino acids

DATE-ISSUED: December 25, 1990

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sano; Konosuke	Tokyo			JP
Osumi; Chieko	Kawasaki			JP
Matsui; Kazuhiko	Kawasaki			JP
Miwa; Kiyoshi	Matsudo			JP

US-CL-CURRENT: 435/108, 435/115, 435/170, 435/252.3, 435/252.32, 435/69.1,
435/71.1, 435/840, 536/23.2, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMPC	Drawn D
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 16. Document ID: US 4411991 A

L7: Entry 16 of 19

File: USPT

Oct 25, 1983

US-PAT-NO: 4411991

DOCUMENT-IDENTIFIER: US 4411991 A

TITLE: Process for fermentative production of amino acids

DATE-ISSUED: October 25, 1983

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirakawa; Kan	Takasago			JP
Takakuma; Ryoji	Kakogawa			JP
Nomura; Koji	Takasago			JP
Katoh; Masami	Akashi			JP
Watanabe; Kiyoshi	Akashi			JP

US-CL-CURRENT: 435/42, 426/43, 435/106, 435/108, 435/109, 435/110, 435/115,
435/116, 435/840, 435/843, 435/853, 435/862, 435/872, 435/885

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	KMPC	Drawn D
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 17. Document ID: DE 10009799 A1

L7: Entry 17 of 19

File: EPAB

Sep 13, 2001

PUB-NO: DE010009799A1

DOCUMENT-IDENTIFIER: DE 10009799 A1

TITLE: Nucleic acids encoding phosphoserine phosphatase and phosphoserine aminotransferase from coryneform bacteria useful to transform microorganisms for the microbial production of L-serine

PUBN-DATE: September 13, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
PETERS-WENDISCH, PETRA	DE
EGGELING, LOTHAR	DE
SAHM, HERMANN	DE

INT-CL (IPC): C07 K 14/195; C07 H 21/00; C12 N 15/53; C12 N 15/63

EUR-CL (EPC): C12P013/06; C12N009/10, C12N009/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Drawn
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□ 18. Document ID: JP 76033188 B

L7: Entry 18 of 19

File: DWPI

Sep 17, 1976

DERWENT-ACC-NO: 1976-78653X

DERWENT-WEEK: 197642

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TITLE: Fermentative prodn of L-serine - by culturing Corynebacterium microorganisms with methionine demanding properties and L-threonine analogue resistance

PRIORITY-DATA: 1970JP-0070103 (August 12, 1970)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 76033188 B</u>	September 17, 1976		000	

INT-CL (IPC): C12D 13/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC	Drawn
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□ 19. Document ID: JP 73028677 B

L7: Entry 19 of 19

File: DWPI

DERWENT-ACC-NO: 1973-54208U

DERWENT-WEEK: 197337

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TITLE: L-lysine prodn - by fermentation useful as food additive and for drugs

PRIORITY-DATA: 1968JP-0061821 (August 30, 1968)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 73028677 B

000

INT-CL (IPC) : C07C 0/00; C12D 13/06

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Terms

Documents

L5 not (degussa or degusa).as.

19

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